96-210261/22 C02 FARB 94.10.18
BAYER AG *DE 4437197-A1
94.10.18 94DE-4437197 *(96.04.25)* A01N 47/38, 43/54

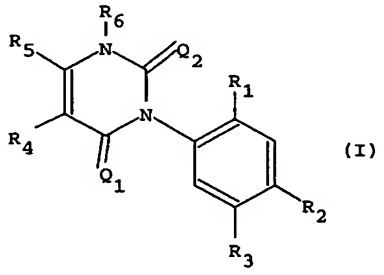
Synergistic herbicidal compsns - contg acyl uracil plus carbamoyl tetrazolinone and/or rice herbicides

C96-067179

Addnl. Data: SANTEL H, DOLLINGER M, ANDREE R, DREWES M W

C(7-D12, 7-D13, 14-S9, 14-V2B) .4

Herbicidal compsns. contain:
(a) an acyl (thio)uracil of formula (I) or (Ia) together with
(b) one or more herbicides selected from carbamoyl tetrazolinones of formula (II) and/or rice herbicides selected from AC-322140 AKD-741, amiprophos (methyl), anilofos, benfuresate, bensulfuron (methyl), bensulide, bentazone, benthiocarb (thiobencarb), benzofenap, bifenox, bromobutide, butachlor, butamifos, butenachlor, CH-900, chlormethoxynil, chlornitrofen, cinmethylin, CL-303569, CL-303578, cinosulfuron, clomeprop, 2,4-D, DEH-112, dimepiperate, dimethametryn, dithiopyr, DPX-47, dymron (daimuron), esprocarb, GH-32911, HOE-404, HOE-30375, HOK-7501, HW-52, imazosulfuron, JC-940, KIH-911 (KUH-911), KIH920 (KUH920), KNW-242, KPP-314, MCPA, MCPB, mefenacet, molinate, NC-310, NC-311, naproanilide, nitrofen, NSK-850, oxadiazon, piperophos, pretilachlor, prometryne, propanil, pyrazolate, pyrazosulfuron (ethyl), pyrazoxyfen, pyributicarb, quinclorac, simetryne, trifluralin and X-52:



(I)

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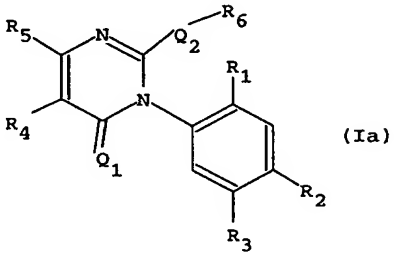
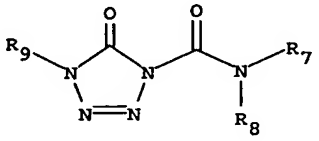


(Ia)



(II)

Q_1, Q_2 = O or S; R_1 = H or halogen;
R_2 = halogen or CN;
R_3 = $-A_1-A_2-A_3$;
A_1, A_2 = single bonds, O, S, SO, SO_2, CO, NA_4 or opt. substd. alkanediyl, alkendiyl, aza-alkenediyl, alkynediyl, cycloalkanediyl, cycloalkenediyl or arylene;
A_4 = H, OH, alkyl, alkoxy, aryl, alkylsulphonyl or arylsulphonyl;
A_3 = H, OH, SO, NH_2, CN, isocyano, SCN, NO_2, COOH, $CONH_2$, $CSNH_2$, SO_3H, SO_2Cl, halogen or opt. substd. alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, alkoxycarbonyl, dialkoxy(thio)phosphoryl, alkenyl, alkenyloxy, alkenylamino, alkylideneamino, alkenyloxycarbonyl,

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alkynyl, alkynyloxy, alkynylamino, alkynyloxycarbonyl, cycloalkyl, cycloalkoxy, cycloalkylalkyl, cycloalkylalkoxy, cycloalkylideneamino, cycloalkoxycarbonyl, cycloalkyl-alkoxycarbonyl, aryl, aryloxy, aralkyl, aralkoxy, aryloxycarbonyl, aralkoxycarbonyl, heterocyclyl, heterocyclyl-alkyl, heterocyclyl-alkoxy or heterocyclyl-alkoxycarbonyl;
R_4, R_5 = H, halogen or opt. substd. alkyl;
R_6 = H, OH, NH_2 or opt. substd. alkyl, alkoxy, alkenyl or alkynyl;
R_7, R_8 = H or opt. substd. alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, cycloalkylalkyl, aryl or aralkyl;
R_9 = opt. substd. alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, cycloalkylalkyl, aryl, aralkyl, heterocyclyl or heterocyclyl-alkyl.

USE

The compsns. are esp. useful for selective weed control in rice crops.

ADVANTAGE

Combinations of (a) and (b) have synergistically enhanced activity (no data given).

PREFERRED COMPOSITIONS

The (a):(b) wt. ratio is 1:0.001-1000.

EXAMPLE

None given. (RMH)
(17pp367DwgNo.0/0)

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